## Rec'd PCT/PTO 02 NOV 2005 10/536571

MEI Form -1.2, (July 1, 2005)

Docket No.

| •   |                                 |                                    |                                       |                               |                                      | •  |
|---|---------------------------------|------------------------------------|---------------------------------------|-------------------------------|--------------------------------------|--|
|   |                                 |                                    | ATTORNEY                              |                               |                                      | LICATION   |
|   | 28 Original                     | □ Suppleme                         | ntal D Substit                        | te   PCT                      | O Design                             |  |
| As a below name<br>below next to my name; a<br>original, first and joint inve<br>patant is sought on the inve | nd I believe<br>intor (if plura | that I am the o                    | original, first and                   | sole inventor                 | r (If only one nar                   |  |
| Title: METHOD AND APPA  | ARATUS FO                       | R ESTIMATING                       | ROTOR POSIT                           | ON OF SWIT                    | TCHED RELUCTA                        | FANCE MOTOR,   |
| which is described and cla  | ,                               |                                    |                                       |                               |                                      |  |
| the attached specific   | ation, or                       |                                    | •                                     |                               |                                      |  |
| the specification in the  |                                 | 1 No                               |                                       | filed on                      | (if applicab                         | ;<br>ale). or  |
| the specification in in filed November 28,  | nternational /                  | Application No.                    | PCT/ IP2002/011                       | 412                           |                                      |  |
| 11160   |                                 |                                    | 31ded 011                             | za. y 1, 2000                 | (ii applica                          | 1010).   |
| I hereby state tha<br>claims, as amended by any   |                                 |                                    |                                       | nts of the ab                 | ove-identified sp                    | pecification, including the                            |
| l acknowledge my  | duty to dis                     | close to the U                     | I.S. Patent and<br>Federal Regulation | rademark Ons, §1.56.          | ffice all informat                   | tion known to me to be                                 |
| application(s) for patent or country other than the Unite or inventor's certificate, or priority is claimed:  | ad States of                    | America, listed<br>International a | below, and have<br>pplication having  | also identified a filing date | d below any fore<br>before that of t | ign application for patent<br>the application on which |
| COUNTRY   |                                 | APPLICATIO                         | ON NO.                                | DAT                           | e of filing                          | PRIORITY<br>CLAIMED                                    |
|   |                                 |                                    |                                       |                               |                                      |  |
|   |                                 |                                    |                                       |                               |                                      |  |
|   | <del> </del>                    |                                    |                                       |                               |                                      |  |
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|   |                                 |                                    |                                       | -                             |                                      |  |
|   |                                 |                                    |                                       |                               | •                                    |  |
| Additional foreign or inter   | national appl                   | ication number                     | s are listed on a                     | upplemental                   | priority sheet att                   | ached hereto.  |
| I hereby claim the sted below.  | benefit unde                    | r Title 35, Unite                  | ed States Code §                      | 119(e) of any                 | / United States F                    | Provisional application(s)                             |
| Number  |                                 |                                    | (Day/Month/Year Filed)                |                               |                                      |  |
|   | F                               |                                    |                                       |                               |                                      |  |
|   |                                 |                                    |                                       |                               |                                      |  |
|   |                                 |                                    | <del></del>                           |                               | <del>~</del>                         |  |

□ Additional U.S. provisional application numbers are listed on a supplemental priority sheet attached hereto.

I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s), or §365(C) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

## Docket No.

| APPLICATION NO. | U.S. FILING DATE | STATUS: PATENTED, PENDING, ABANDONED |
|-----------------|------------------|--------------------------------------|
|                 |                  |                                      |
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|                 |                  |                                      |

a Additional U.S. or international application numbers are listed on a supplemental priority sheet attached hereto.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the attorneys and agents associated with U.S. Patent and Trademark Office Customer Number Identified beliew to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that customer number.

I hereby authorize the U.S. attorneys and agents associated with the customer number to accept and follow instructions from Matsushita Electric Industrial Co., Ltd., and any affiliated or subsidiary company thereof, received via their corporate representatives and/or their foreign patent attorneys or agents, if any, as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys or agents and myself.

| Direct Correspondence to:  CUSTOMER NUMBER 52473 |  |
|--|--|
|  |  |

I further declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

| , |  |                                  |                                |  |                                |
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## Docket No.

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| additional inventors           | )                           |                            |                        |                      |                               |

Applicant Reference Number P029101-01 (544817) Attorney Docket No. AOY-3992US

May 26, 2005